

Patent Claims

1. A vehicle seat (1) for a motor vehicle,
  - with a cushion core (4),
  - 5 - with ventilation ducts (3) which run along and inside a seat surface (2) and/or a backrest surface and in each case have a constant cross section, and
  - with ventilation channels (5) which are
  - 10 arranged essentially transversely to the ventilation ducts (3), in each case have a constant cross section, penetrate the entire thickness of the cushion core (4) and extend from the ventilation ducts (3) as far as a rear
  - 15 wall facing away from the seat surface (2) and/or backrest surface,characterized in that a predetermined arrangement of the ventilation ducts (3) and/or ventilation channels (5) in the cushion core (2) defines
- 20 regions (6) ventilated to different extents and are adapted to a ventilation requirement of a standard vehicle occupant.
2. The vehicle seat as claimed in claim 1,
- 25 characterized in that the ventilation requirement is adapted to a body pressure distribution (7).
3. The vehicle seat as claimed in claim 1 or 2,
- 30 characterized in that the ventilation requirement is adapted to body contact points.
4. The series of components as claimed in one of claims 1 to 3, characterized in that the ventilation ducts (3) are designed as a duct grid
- 35 (8) and intersect in a manner connected in terms of flow.

5. The series of components as claimed in one of claims 1 to 4, characterized in that the ventilation ducts (3) and/or ventilation channels (5) are essentially arranged regularly.
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6. The series of components as claimed in one of claims 1 to 5, characterized in that the ventilation ducts (3) and/or the ventilation channels (5) are only arranged in regions (6') with ventilation provided.
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7. The series of components as claimed in one of claims 1 to 6, characterized in that the ventilation ducts (3) and/or the ventilation channels (5) are closed in regions (6'') in which no ventilation is provided.
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8. The series of components as claimed in one of claims 1 to 7, characterized in that the vehicle seat (1) is designed as a passively ventilated vehicle seat (1).
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9. The series of components as claimed in one of claims 1 to 7, characterized
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- in that the vehicle seat (1) is designed as an actively ventilated vehicle seat (1), and
  - in that at least one fan or a miniature ventilator is provided.